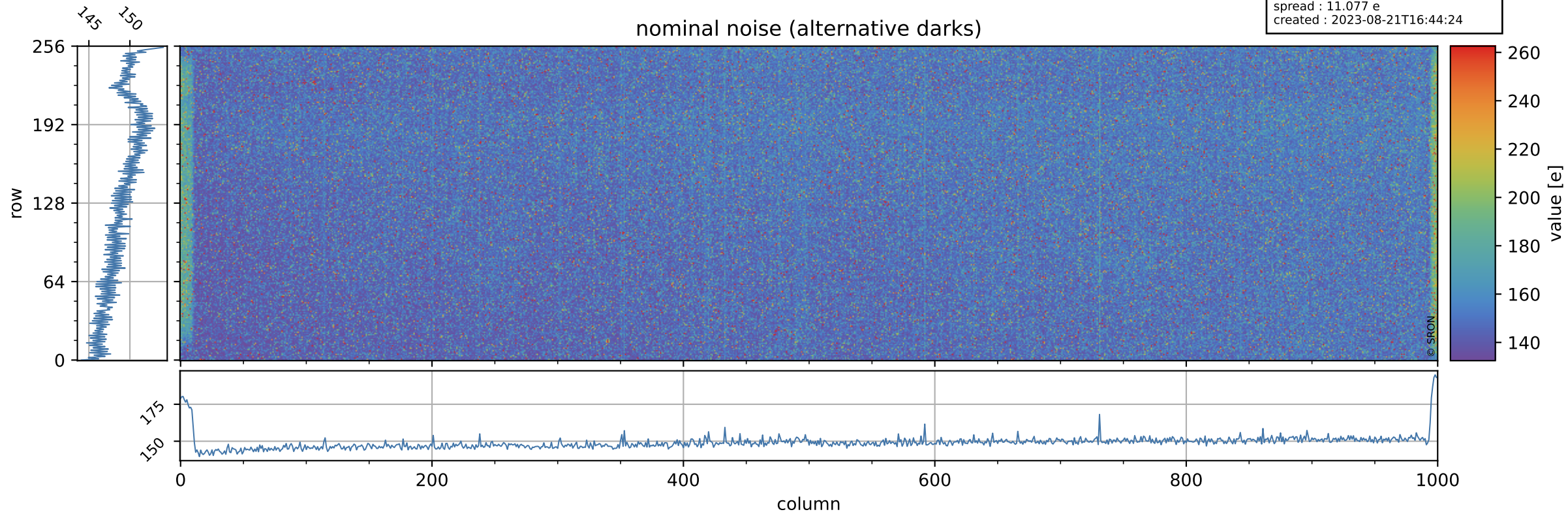


Tropomi SWIR background noise (swir)

orbits : 12 in [25597, 25687]
coverage : 2022-09-22 / 2022-09-27
n_coad, t_exp : 1, 1.0783
median : 148.91 e
spread : 11.077 e
created : 2023-08-21T16:44:24

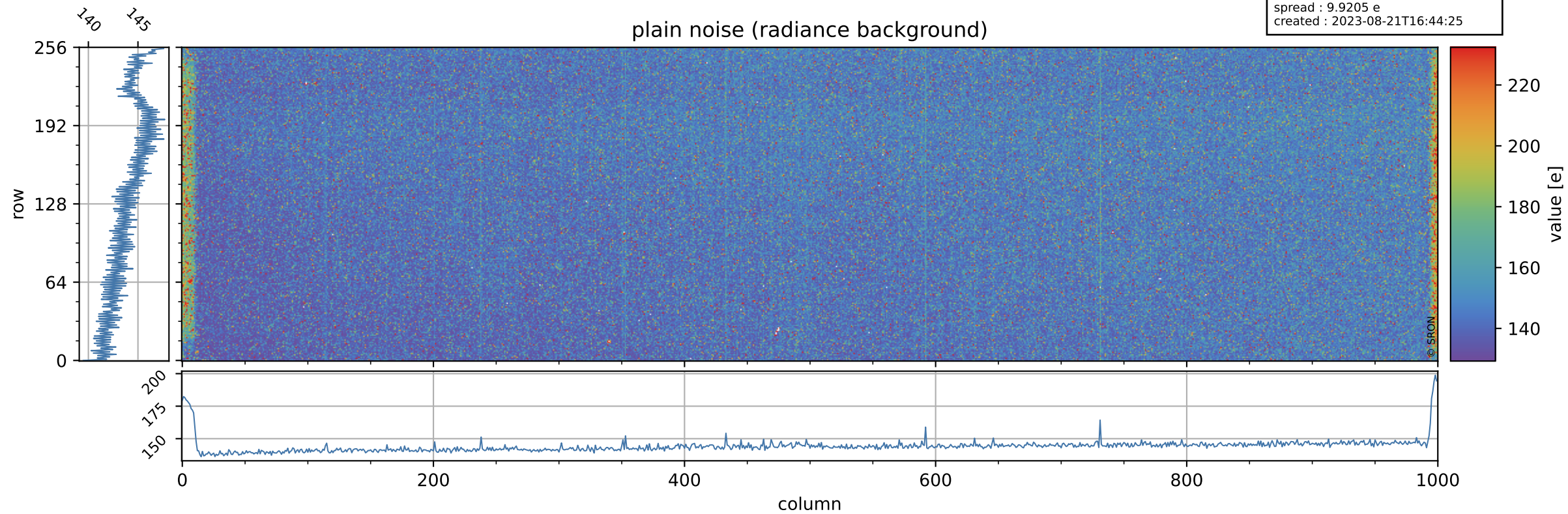
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25597, 25687]
coverage : 2022-09-22 / 2022-09-27
n_coad, t_exp : 1, 0.8383
median : 143.9 e
spread : 9.9205 e
created : 2023-08-21T16:44:25

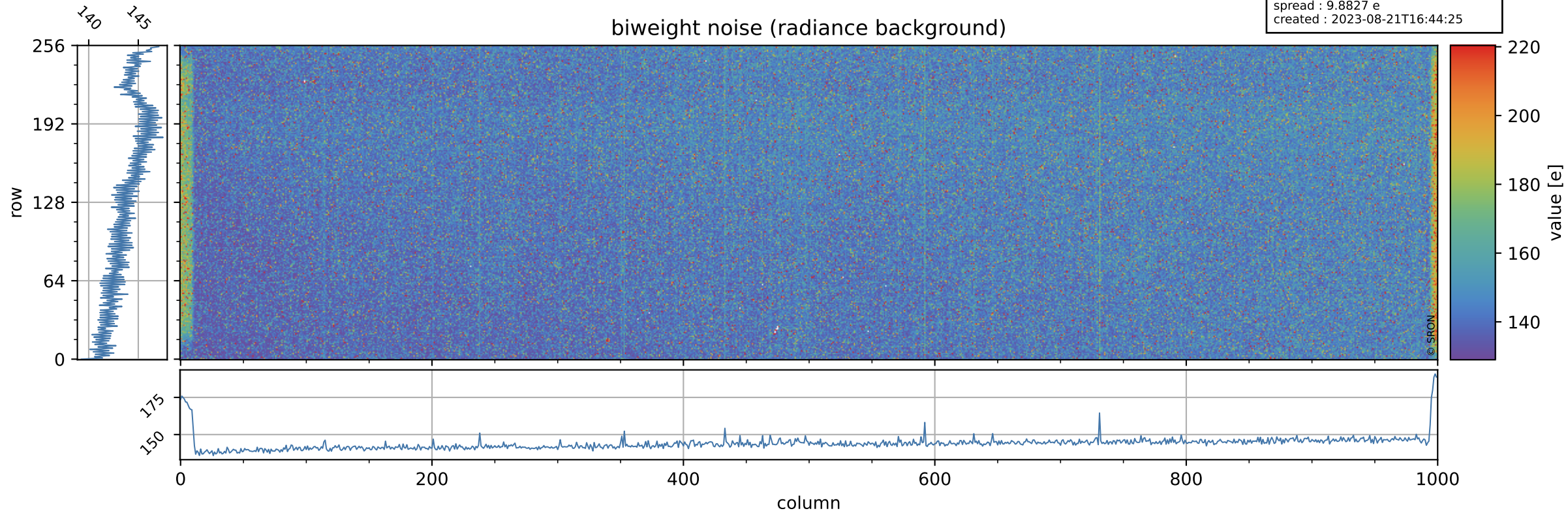
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25597, 25687]
coverage : 2022-09-22 / 2022-09-27
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.8827 e
created : 2023-08-21T16:44:25

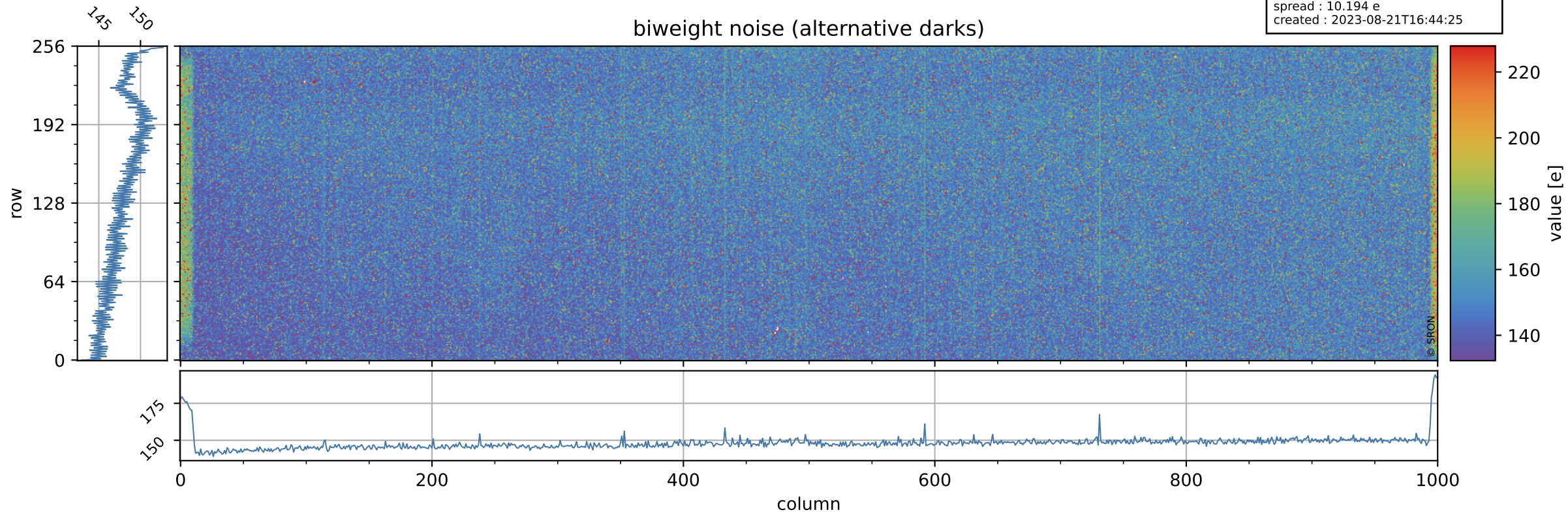
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25597, 25687]
coverage : 2022-09-22 / 2022-09-27
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.194 e
created : 2023-08-21T16:44:25

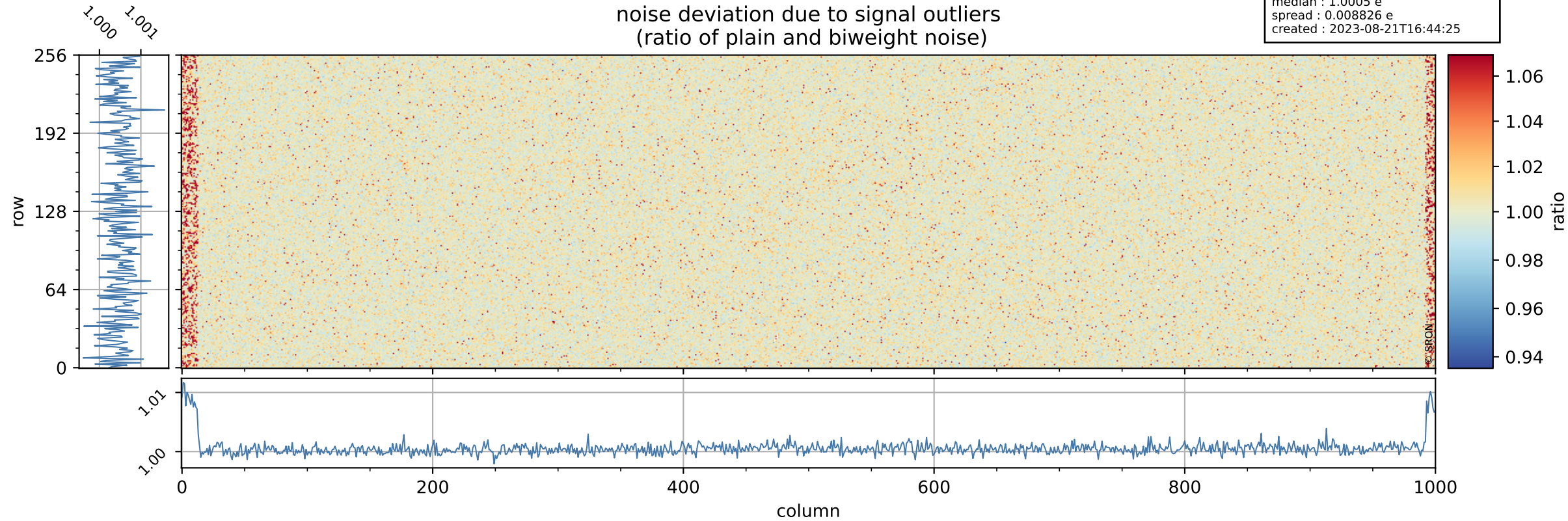
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

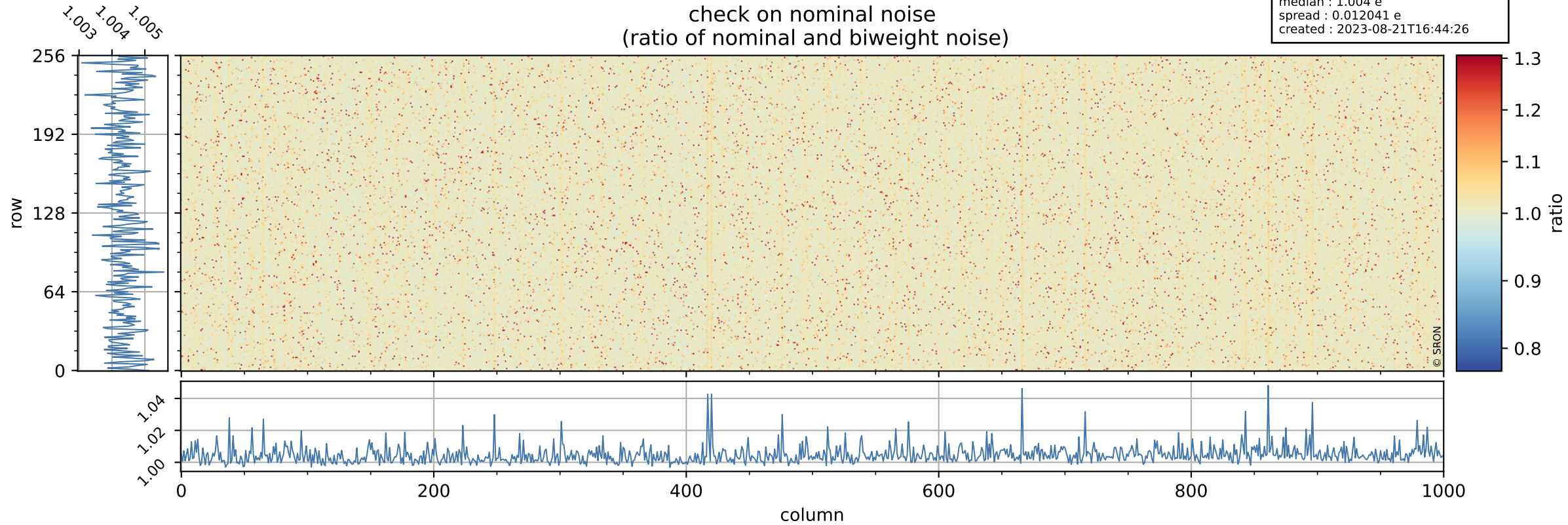
orbits : 12 in [25597, 25687]
coverage : 2022-09-22 / 2022-09-27
median : 1.0005 e
spread : 0.008826 e
created : 2023-08-21T16:44:25



Tropomi SWIR background noise (swir)

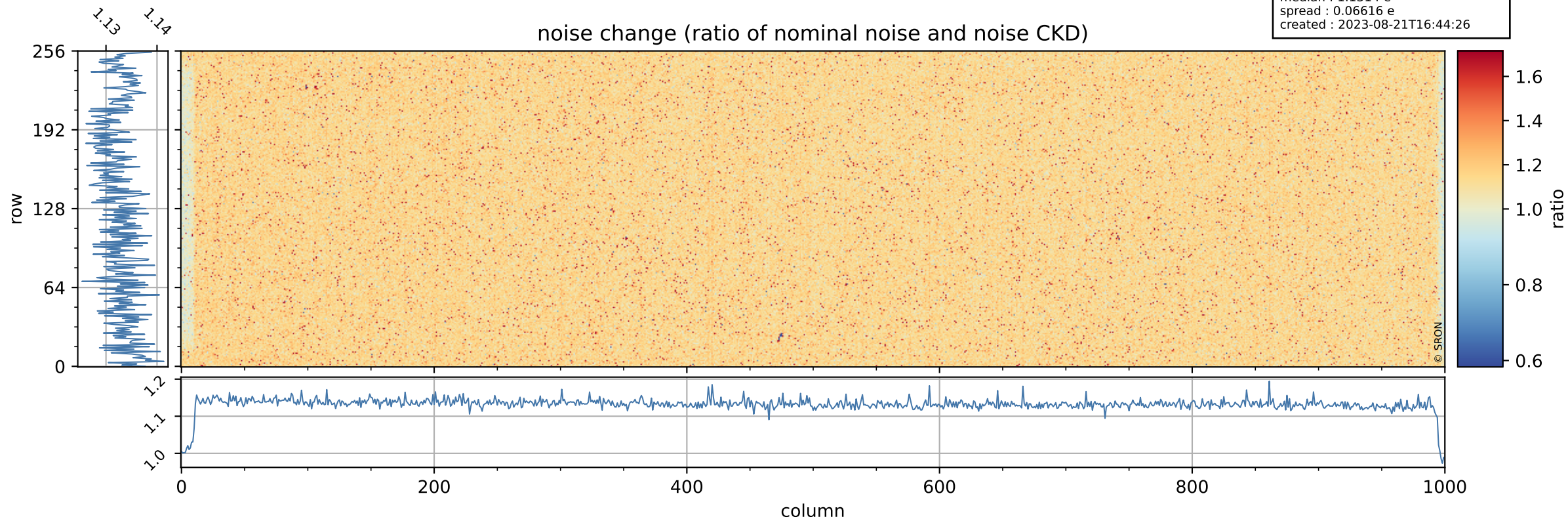
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25597, 25687]
coverage : 2022-09-22 / 2022-09-27
median : 1.004 e
spread : 0.012041 e
created : 2023-08-21T16:44:26



Tropomi SWIR background noise (swir)

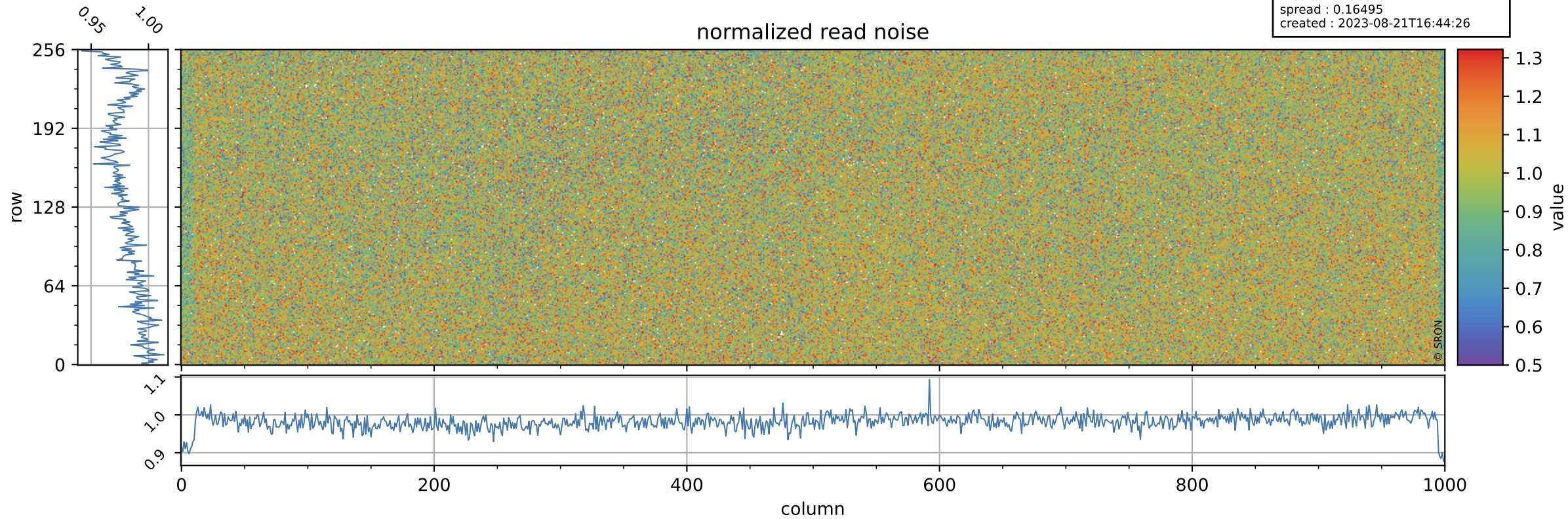
orbits : 12 in [25597, 25687]
coverage : 2022-09-22 / 2022-09-27
median : 1.1314 e
spread : 0.06616 e
created : 2023-08-21T16:44:26



Tropomi SWIR background noise (swir)

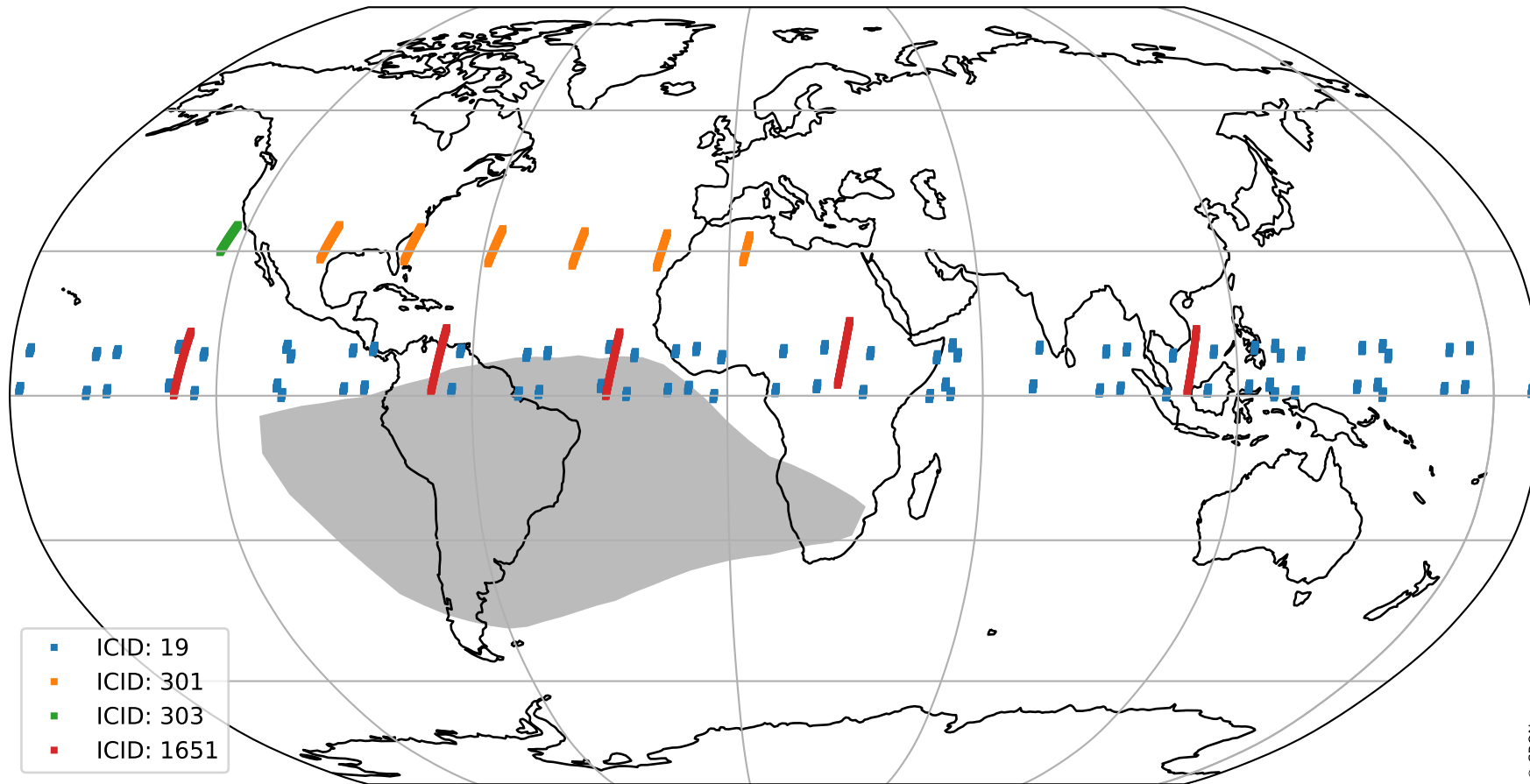
orbits : 12 in [25597, 25687]
coverage : 2022-09-22 / 2022-09-27
median : 0.98078
spread : 0.16495
created : 2023-08-21T16:44:26

normalized read noise



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

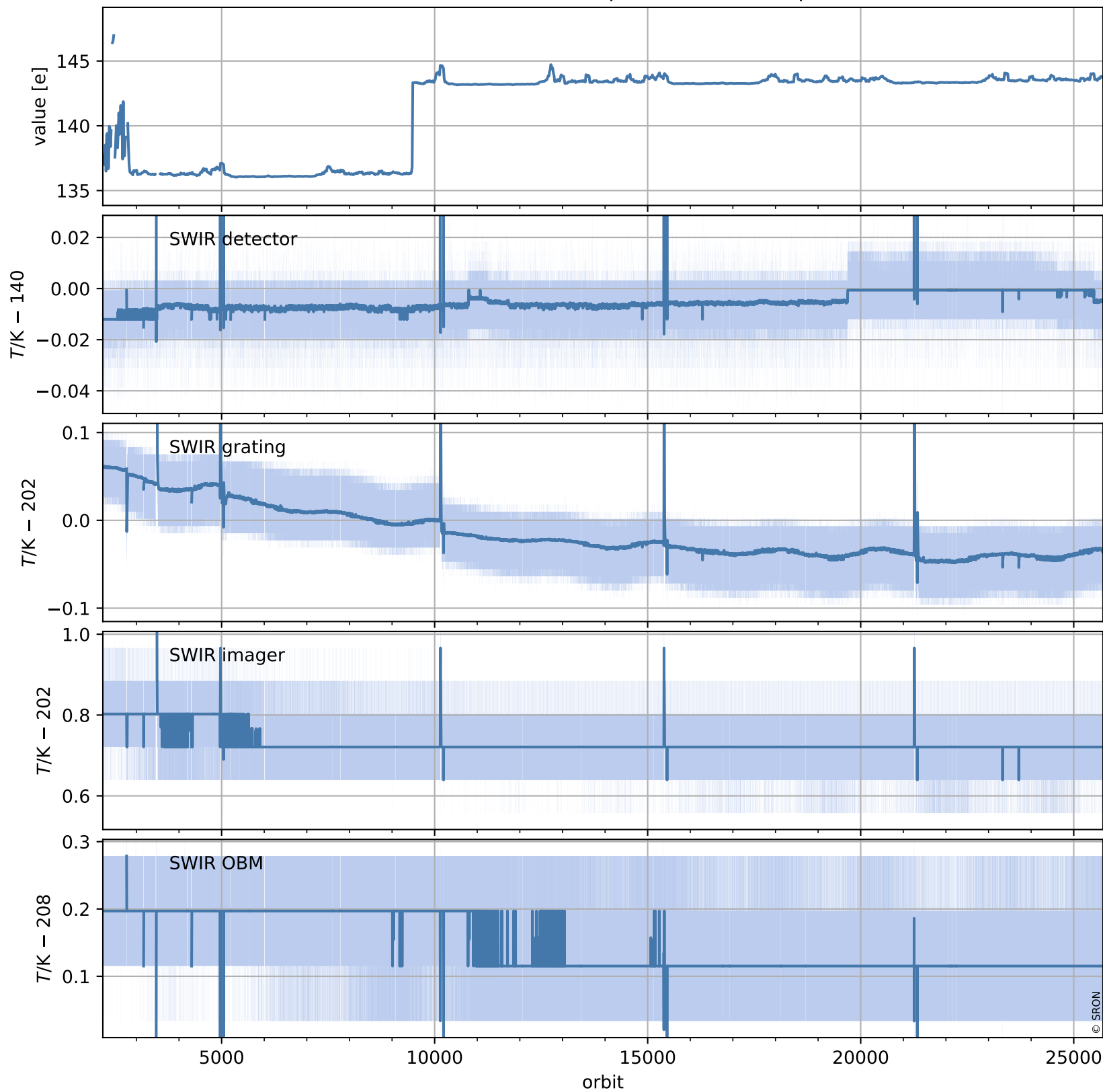
orbits : 12 in [25597, 25687]
coverage : 2022-09-22 / 2022-09-27
created : 2023-08-21T16:44:26



Tropomi SWIR background noise (swir)

orbits : [2212, 25687]
coverage : 2018-03-18 / 2022-09-27
created : 2023-08-21T16:44:27

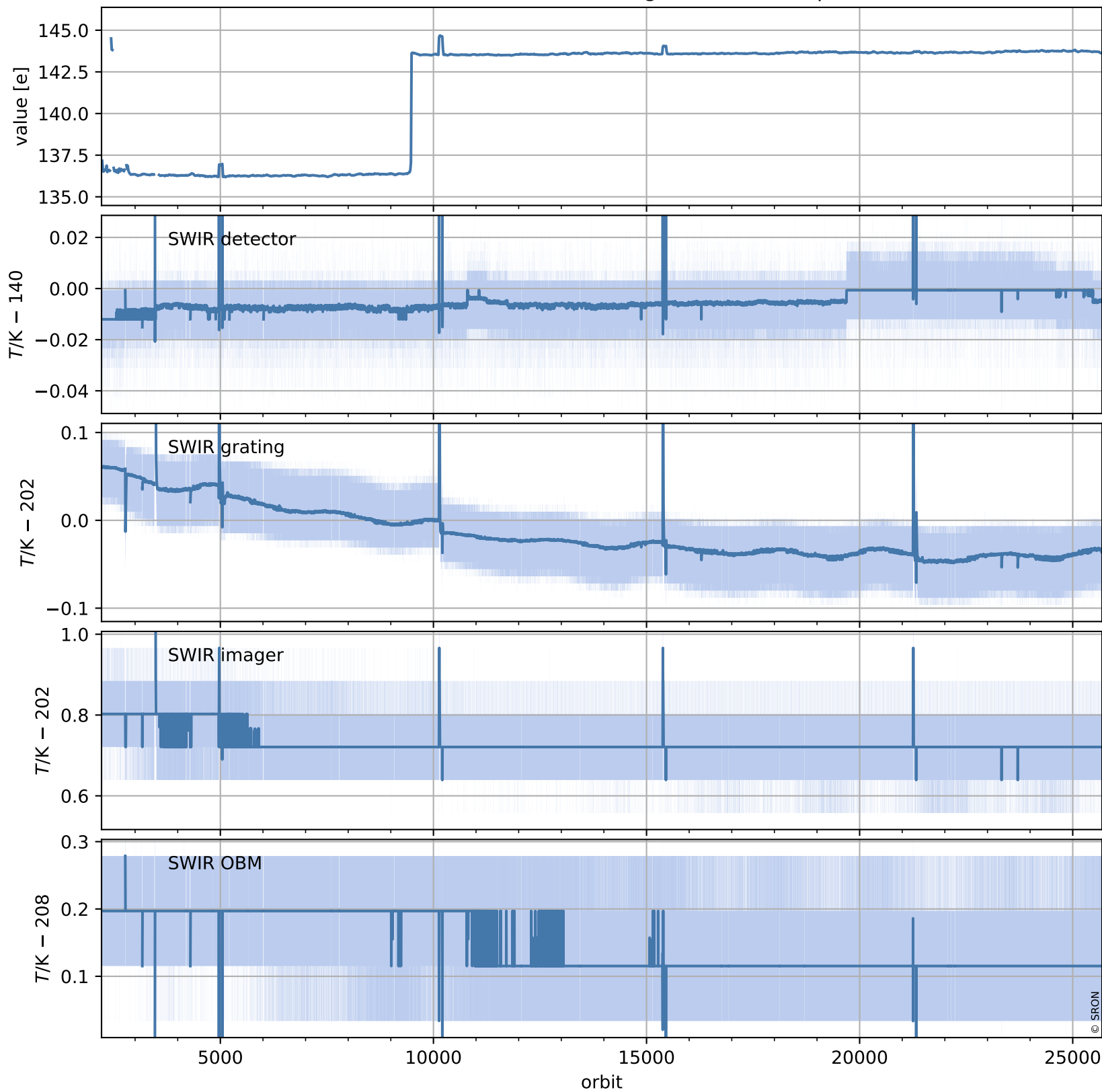
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25687]
coverage : 2018-03-18 / 2022-09-27
created : 2023-08-21T16:44:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25687]
coverage : 2018-03-18 / 2022-09-27
created : 2023-08-21T16:44:29

trend of normalized read-noise & temperatures

